

Appl. No. 10/601,607
Atty. Dkt. No. 054707-1225

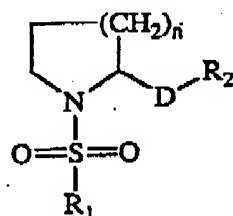
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-71 (Canceled).

Claim 72. (Previously presented) A compound of formula (I):



I

where

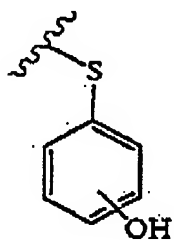
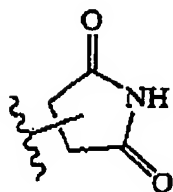
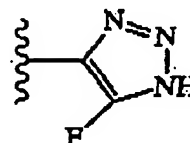
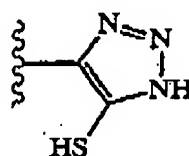
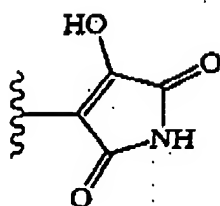
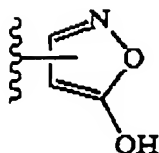
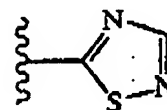
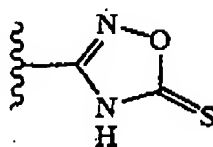
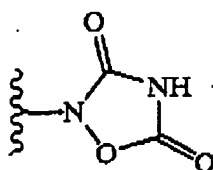
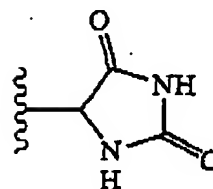
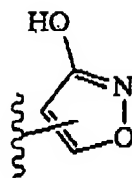
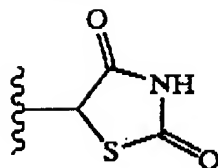
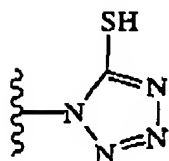
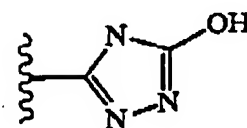
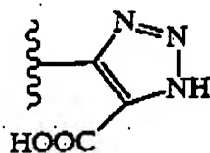
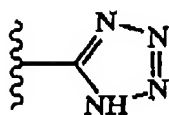
n is 1;

R₁ is selected from the group consisting of hydrogen, C₁-C₉ straight or branched chain alkyl, C₃-C₉ straight or branched chain alkenyl, aryl, heteroaryl, carbocycle, and heterocycle;

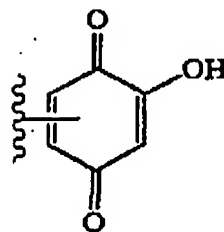
D is selected from the group consisting of a bond, C₁-C₁₀ straight or branched chain alkylene, C₂-C₁₀ alkenylene, and C₂-C₁₀ alkynylene;

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R₂ is selected from the group consisting of:



and



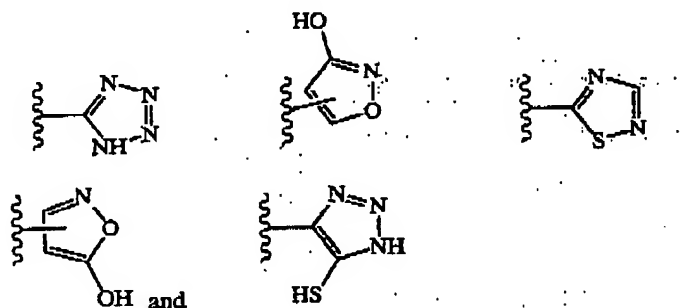
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wherein for R_1 said alkyl, alkenyl, alkylene, alkenylene, alkynylene, aryl, heteroaryl, carbocycle, or heterocycle is optionally substituted with one or more substituents selected from R_3 , where

R_3 is selected from the group consisting of hydrogen, hydroxy, halo, haloalkyl, thiocarbonyl, alkoxy, alkenoxy, alkylaryloxy, aryloxy, arylalkyloxy, cyano, nitro, imino, alkylamino, aminoalkyl, sulfhydryl, thioalkyl, alkylthio, sulfonyl, C_1 - C_8 straight or branched chain alkyl, C_2 - C_8 straight or branched chain alkenyl or alkynyl, aryl, heteroaryl, carbocycle, heterocycle, and CO_2R_4 where R_4 is selected from the group consisting of hydrogen, C_1 - C_9 straight or branched chain alkyl, and C_2 - C_9 straight or branched chain alkenyl; or a pharmaceutically acceptable salt or solvate thereof.

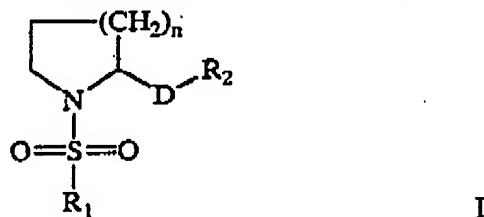
Claim 73. (Previously presented) The compound of claim 72, wherein the compound is non-immunosuppressive.

Claim 74. (Previously presented) A compound according to claim 72, wherein R_2 is selected from the group consisting of



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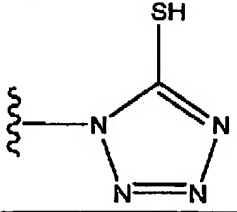
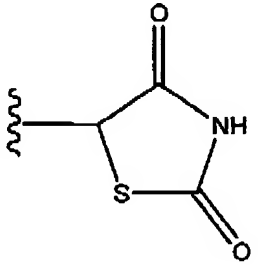
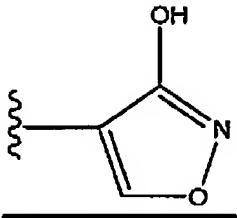
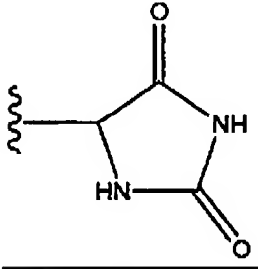
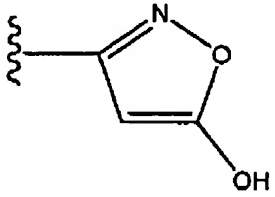
Claim 75. (Currently amended) A compound selected from the group consisting of (2S)-1-(phenylmethyl)sulfonyl-2-hydroxymethyl pyrrolidine, (2S)-1-(phenylmethyl)sulfonyl-2-pyrrolidinetetrazole, and compounds 1-9, 21-25, 30-38, 42-57, 59, 66-97, A, B, C, D, and E the compounds of formula (I):



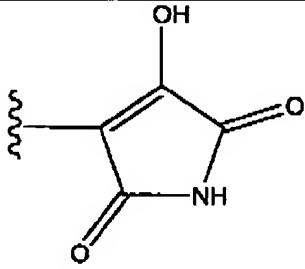
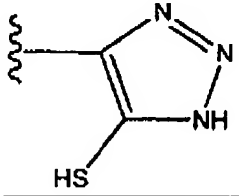
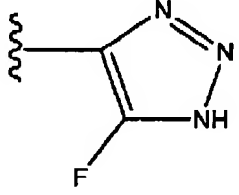
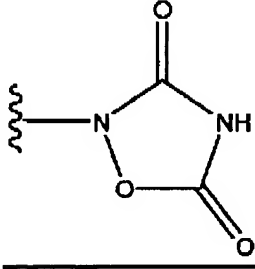
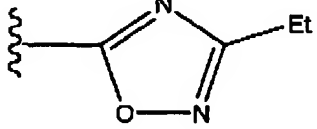
wherein n, D, R₂ and R₁ are:

<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>	<u>Tetrazole</u>	<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>

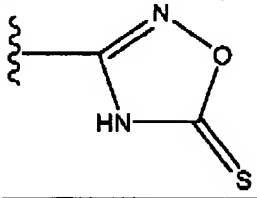
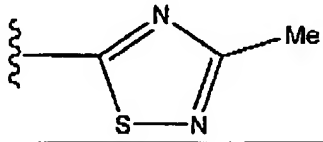
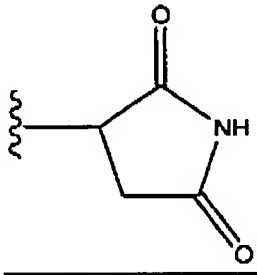
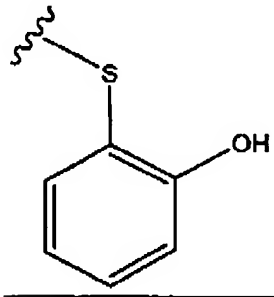
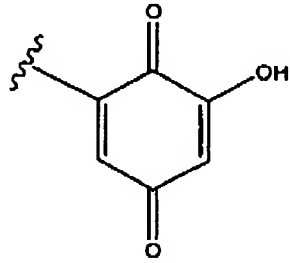
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<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>

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<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>

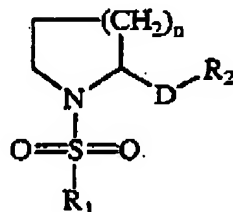
Appl. No. 10/601,607
Atty. Dkt. No. 054707-1225

<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl. and</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>

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Claim 76. (Previously presented) A pharmaceutical composition, comprising:

- a) an effective amount of a compound having formula (I):



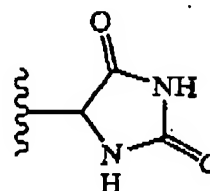
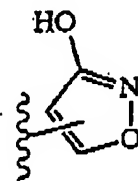
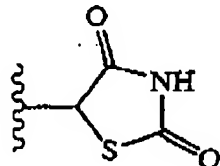
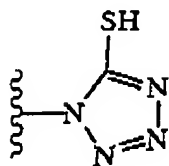
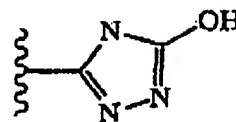
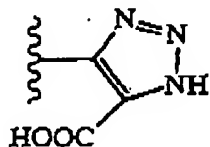
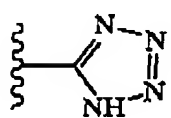
where

n is 1;

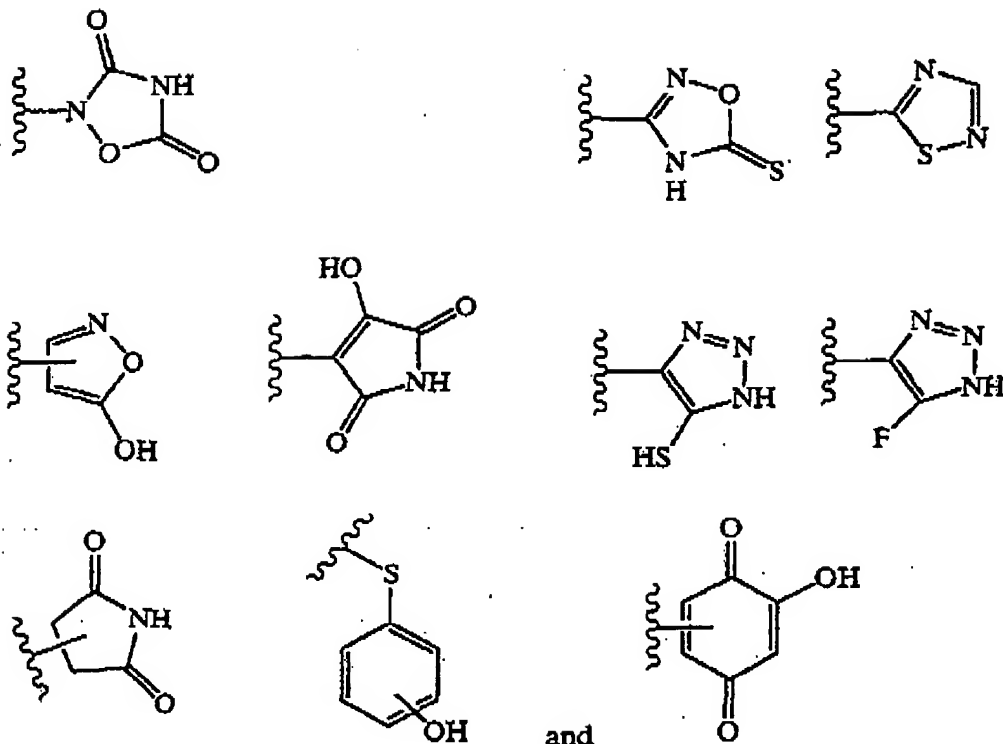
R_1 is selected from the group consisting of hydrogen, C_1 - C_9 straight or branched chain alkyl, C_2 - C_9 straight or branched chain alkenyl, aryl, heteroaryl, carbocycle, and heterocycle;

D is selected from the group consisting of a bond, C_1 - C_{10} straight or branched chain alkylene, C_2 - C_{10} alkenylene, and C_2 - C_{10} alkynylene;

R_2 is selected from the group consisting of:



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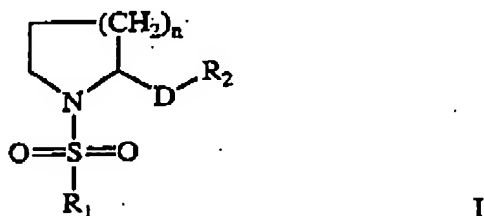
wherein for R₁ said alkyl, alkenyl, alkylene, alkenylene, alkynylene, aryl, heteroaryl, carbocycle, or heterocycle is optionally substituted with one or more substituents selected from R₃, where

R₃ is selected from the group consisting of hydrogen, hydroxy, halo, haloalkyl, thiocarbonyl, alkoxy, alkenoxy, alkylaryloxy, aryloxy, arylalkyloxy, cyano, nitro, imino, alkylamino, aminoalkyl, sulfhydryl, thioalkyl, alkylthio, sulfonyl, C₁-C₆ straight or branched chain alkyl, C₂-C₆ straight or branched chain alkenyl or alkynyl, aryl, heteroaryl, carbocycle, heterocycle, and CO₂R₄ where R₄ is selected from the group consisting of hydrogen, C₁-C₉ straight or branched chain alkyl, and C₂-C₉ straight or branched chain alkenyl; or a pharmaceutically acceptable salt or solvate thereof; and

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b) a pharmaceutically acceptable carrier.

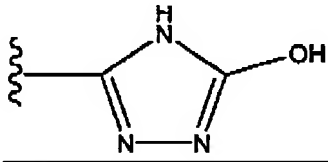
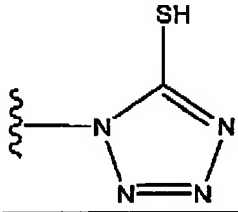
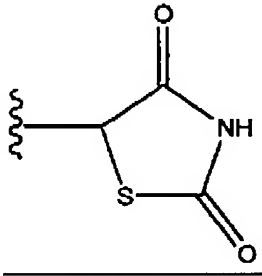
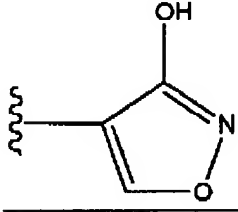
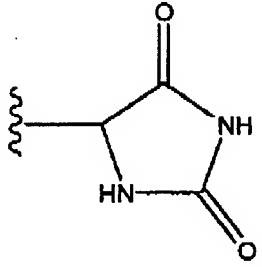
Claim 77. (Currently amended) The pharmaceutical composition of claim 76, wherein the compound is selected from the group consisting of ~~compounds 4 and 76-94~~ compounds of formula (I):



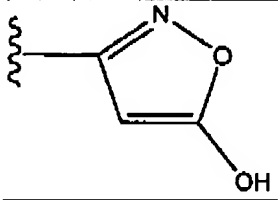
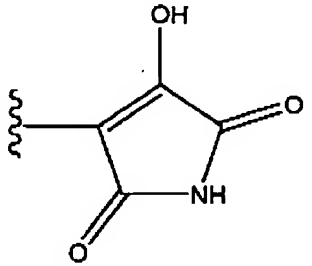
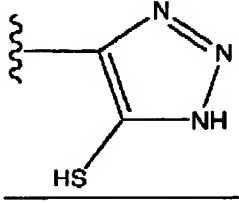
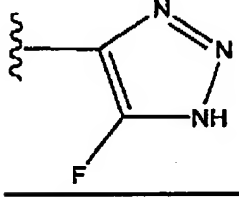
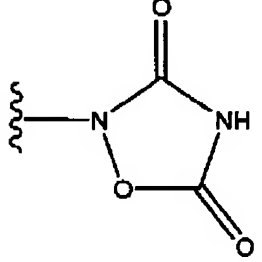
wherein n, D, R₂ and R₁ are:

<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>	<u>Tetrazole</u>	<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>

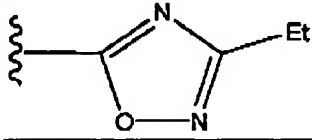
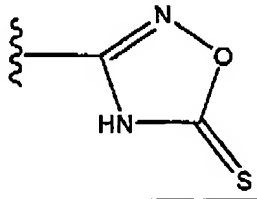
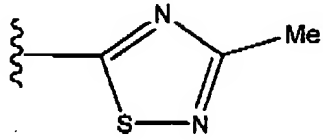
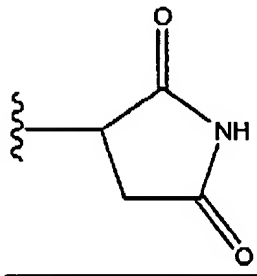
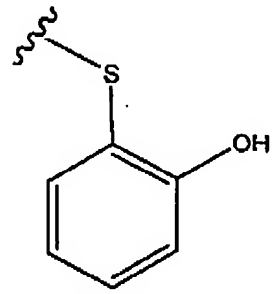
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<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>

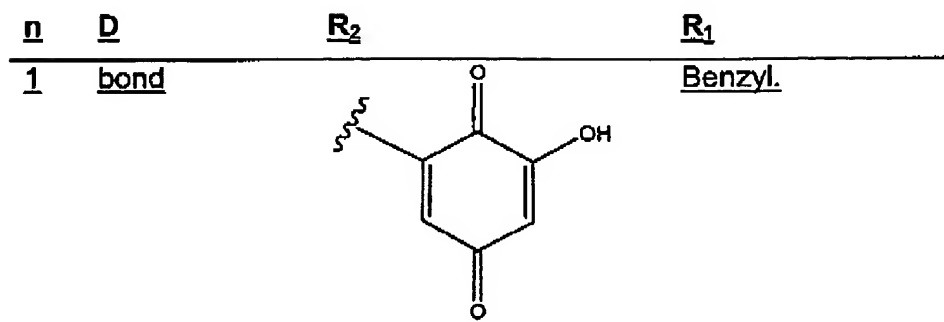
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<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>
<u>1</u>	<u>bond</u>		<u>Benzyl.</u>

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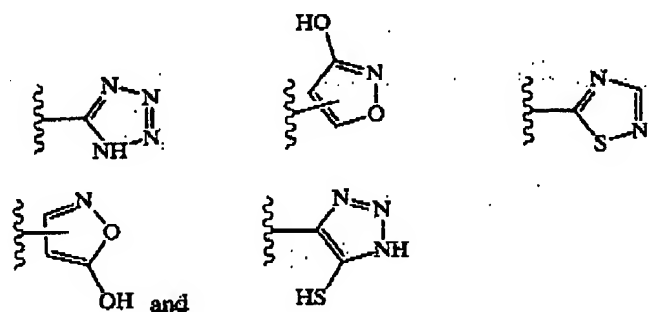
<u>n</u>	<u>D</u>	<u>R₂</u>	<u>R₁</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl,</u>
<u>1</u>	<u>bond</u>		<u>Benzyl, and</u>

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Claim 78-79. (Canceled).

Claim 80. (Previously presented) A composition according to claim 76, wherein R₂ is selected from the group consisting of



Claims 81-85 (Canceled).